

Converting Colors

XYZ(22.4613, 18.9643, 35.7343)

Have a look what the booklet for
XYZ(22.4613, 18.9643, 35.7343)
contains.

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Color

**XYZ(22.4613, 18.9643,
35.7343)**

Conversions

Conversions Part 1

Format	Color
Hex	8B6DA0
RGB	139, 109, 160
RGB Percent	55%, 43%, 63%
CMY	0.4549, 0.5725, 0.3725
CMYK	0.13, 0.32, 0.00, 0.37
HSL	275°, 21%, 53%
HSV	275°, 32%, 63%
XYZ	22.4613, 18.9643, 35.7343
YIQ	123.7840, 1.5090, 22.2210

Conversions

Conversions Part 2

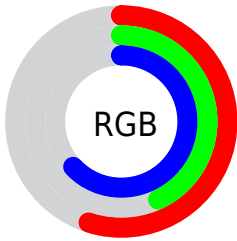
Format	Color
R_{YB}	139, 109, 160
Decimal	9137568
CIE _{Lab}	50.65, 21.86, -23.05
CIE _{LCh}	51, 31.768, 313.485
Yxy	18.9643, 0.2911, 0.2458
Android (android.graphics.Color)	4287327648 (0xFF8B6DA0)
YUV	123.7840, 17.8545, 13.3444
Hunter-Lab	43.5480, 15.8581, -18.1681

Details

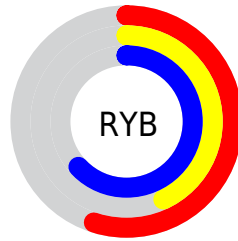
The XYZ color **22.4613, 18.9643, 35.7343** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.5375, 30.9919, 19.1576**, and the grayscale version is **19.0290, 20.0200, 21.8018**.

A 20% lighter version of the original color is **47.0029, 41.7335, 69.8680**, and **8.4000, 6.4949, 14.9983** is the 20% darker color. If you saturate the color by 10%, you get **19.8404, 15.3062, 35.1667**, and if you desaturate by 10%, it is **25.4605, 23.2795, 36.4094**.

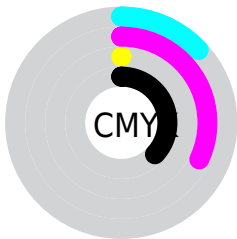
Distribution



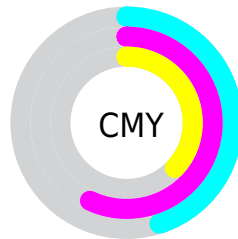
- Red (55%)
- Green (43%)
- Blue (63%)



- Red (55%)
- Yellow (43%)
- Blue (63%)



- Cyan (13%)
- Magenta (32%)
- Yellow (0%)
- Black (37%)



- Cyan (45%)
- Magenta (57%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4613, 18.9643, 35.7343 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 22.4613, 18.9643, 35.7343 by changing the saturation by 10% instead.

■ 22.4613, 18.9643,
35.7343

■ 22.4613, 18.9643,
35.7343

257.5332,
246.2516, 342.7999

■ 14.3147, 11.6445,
23.9410

■ 46.9805, 41.6738,
69.7862

■ 8.4231, 6.5021,
15.0781

■ 64.0838, 57.8322,
92.8819

■ 4.4209, 3.1527,
8.7270

■ 84.9034, 77.7056,
120.5820

■ 1.9429, 1.2120,
4.4691

■ 109.8046,
101.6785, 153.3053

■ 0.6016, 0.0715,
1.8861

139.1529,
130.1351, 191.4702

■ 0.0000, 0.0000,
0.4839

173.3135,

■ 0.0000, 0.0000,

163.4599, 235.4952

0.0000

212.6518,
202.0373, 285.7990

■ 22.4613, 18.9643,
35.7343

■ 22.4613, 18.9643,
35.7343

■ 19.8404, 15.3062,
35.1667

■ 25.4605, 23.2795,
36.4094

■ 17.5778, 12.2686,
34.6996

■ 28.8528, 28.2813,
37.1961

■ 15.6545, 9.8146,
34.3273

■ 32.6545, 34.0001,
38.0996

■ 14.0487, 7.9025,
34.0429

■ 36.8802, 40.4638,
39.1245

■ 12.7358, 6.4849,
33.8384

■ 41.5441, 47.6988,
40.2751

■ 11.6866, 5.5054,
33.7047

■ 46.6594, 55.7301,
41.5557

■ 10.9735, 4.9241,
33.6300

■ 52.2388, 64.5818,
42.9702

■ 58.2944, 74.2766,
44.5223

■ 64.8381, 84.8366,
46.2157

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



19.4557, 18.9643, 42.1817



22.4613, 18.9643, 35.7343



24.3876, 18.9643, 25.9101

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



22.4613, 18.9643, 35.7343



19.7790, 18.9643, 8.1969



12.8128, 18.9643, 24.9054

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



22.4613, 18.9643, 35.7343



24.5375, 30.9919, 19.1576

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



12.8781, 18.9643, 16.1530



22.4613, 18.9643, 35.7343



16.6662, 18.9643, 8.0709

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



22.4613, 18.9643, 35.7343



22.7213, 18.9643, 10.9634



14.2150, 18.9643, 10.5487



14.0250, 18.9643, 34.8189

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



22.4613, 18.9643, 35.7343



24.6770, 18.9643, 19.6254



14.2150, 18.9643, 10.5487



12.6907, 18.9643, 21.7074

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



22.4619, 18.9651, 35.7347



53.4954, 53.0030, 67.7976



20.6684, 21.8218, 36.3807



11.5419, 11.3400, 14.8242



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.4619, 18.9651, 35.7347



37.4472, 29.7534, 64.1558



25.9459, 20.8034, 33.9899



6.6398, 6.6183, 8.3342



8.5990, 3.8620, 26.1995



0.2010, 0.0934, 0.4707

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



23.9956, 20.0233, 23.7198



40.8115, 32.0615, 38.3876



21.8728, 29.5911, 20.2563



6.7406, 6.6892, 7.4853



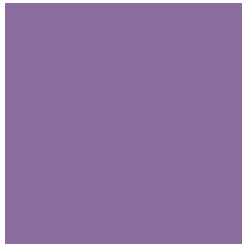
12.0773, 6.1355, 4.6581



0.2364, 0.1179, 0.1912

Previews

White Background



This preview shows how the XYZ color 22.4613, 18.9643, 35.7343 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 22.4613, 18.9643, 35.7343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4613, 18.9643, 35.7343

Background



This preview shows how black text looks on a background with the XYZ color 22.4613, 18.9643, 35.7343.



This preview shows how white text looks on a background with the XYZ color 22.4613, 18.9643,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

22.4613, 18.9643, 35.7343

Protanopia

19.6086, 19.0850, 39.6961

Deuteranopia

19.4505, 19.1070, 35.0106



Tritanopia

19.6199, 18.9580, 22.0272

Trichromacy



Original Color

22.4613, 18.9643, 35.7343

Protanomaly

20.3935, 18.8296, 38.1569

Deuteranomaly

20.4148, 18.9022, 35.3734

Tritanomaly

20.4842, 18.7961, 26.5931

Monochromacy



Original Color

22.4613, 18.9643, 35.7343

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.1654, 19.6669, 26.4002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4613, 18.9643, 35.7343 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(139, 109, 160)` looks like.

```
.text, #text, p{  
    color:rgb(139, 109, 160)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(139, 109, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 109, 160) }
```

Border

The CSS property to change the border of an element to XYZ 22.4613, 18.9643, 35.7343 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 109, 160) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(139, 109, 160) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(139, 109, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 109, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 109, 160);  
box-shadow:4px 4px 4px 4px rgb(139, 109,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4613, 18.9643, 35.7343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 109, 160) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(139,  
109, 160) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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